

Renew Boston Trust | JFK Elementary Geothermal | Daily Report

Date: 08/11/2026

Site Conditions: Sunny/Humid

Onsite Personnel	
Honeywell	Mark Rahall
Subcontractors	Dave Marichi Pat Murray Kenney Harlacher Oscar Mauricio-Marquez
City of Boston	PJ Lynch Victor Valles
Others	

SAFETY – MONITORING DATA

Sound Measurements

Lmax – Slow (dBA)	Leq (dBA)	Events (Seconds)
73	57	0

Lmax-slow: Maximum sound level measured using the slow time averaging window. Window is one second and is responsive to intermittent or impulsive events while still acknowledging the full ambient noise picture.

Leq: Average sound pressure level over the time window. It represents the same total sound energy as the fluctuating level that was measured.

Events: Count of how many seconds had an average sound level that exceeded 86 dBA* over the measured time window.

Air Quality Measurements

	Min	Max	Avg
PM10 (15 min) µg/m3	15.03	795.67*	25.26
VOC (15 min) ppm	0.5073	0.6015	0.5526

PM10: 10-micron diameter particle, measured in µg/m3.

PM10 Action Level = 150 µg/m3.

VOC: Volatile Organic Compound, measured in parts per million (ppm).

VOC Action Level = 5 ppm

*Worker knocked over monitor while cleaning the site.

Vibration Measurements

PPV	Min	Max	Avg
Longitudinal in/sec	N/A	N/A	N/A
Transverse in/sec	N/A	N/A	N/A
Vertical in/sec	N/A	N/A	N/A

Threshold Level = 0.50 inches per second

Limit Level = 1.00 inches per second

Time Weighted Average (TWA) = Average vibration over a 15-minute interval

DELIVERY – Site Work

Installation Notes: Minimal prep work today ahead of paving mobilization.

UPCOMING EVENTS FOR THE WEEK

08/12/2026 – Paving to begin

08/13/2026 - Paving continues/site work

08/14/2026 - Paving continues/site work